Amendments to the Specification:

<u>Title</u>: Please replace the paragraph appearing on page 1, lines 1-2 of the original specification with the following paragraph:

<u>METHOD, APPARATUS AND PROGRAM STORAGE DEVICE FOR</u> EFFICIENT RECURSIVE CLUSTERING BASED ON A SPLITTING FUNCTION DERIVED FROM SUCCESSIVE EIGEN-DECOMPOSITIONS

<u>Summary of the Invention</u>: Please replace the paragraph appearing on page 3, lines 1-3 of the original specification with the following paragraph:

<u>There is broadly contemplated herein,</u> in accordance with at least one presently preferred embodiment of the present invention, <u>a method, apparatus and program storage device for solving</u> clustering problems ~~are solved~~ in an efficient, deterministic manner with a recursive procedure to be discussed below.